

AMENDMENTS TO THE CLAIMS

1. (Original) An information system for use in scuba diving, the system comprising:
a rigid container;
a rigid lid adapted to fit the container, the container and the lid defining a chamber adapted to receive an electronic device;
a seal between the container and the lid, the seal configured to prevent water from entering into the chamber even at a maximum underwater pressure experienced by a scuba diver; and
components attached to the container and/or the lid for externally controlling the electronic device.
2. (Original) The system of Claim 1, further comprising:
components that connect the electronic device to an audio jack, the audio jack being attached to the container and/or the lid; and
components that connect an audio communication link to the audio jack.
3. (Previously Presented) The system of Claim 2, wherein the components which connect the audio communication link to the audio jack comprise:
a male connector;
a female connector; and
a locking bearing mechanism to establish a waterproof audio connection between the male and the female connectors.
4. (Original) The system of Claim 2, wherein the communication link is wireless.
5. (Previously Presented) The system of Claim 1, wherein the electronic device comprises an MP3 player, DVD player, telephone, cellular telephone, palm pilot, personal digital assistant, measuring device, geiger counter, sonar, pH meter, thermometer, luminometer, or magnetometer.
6. (Previously Presented) The system of Claim 1, wherein said electronic device recites recorded information on locations and objects encountered during underwater activity in a specific location.
7. (Previously Presented) The system of Claim 1, wherein the components which externally control the device comprise a manual control mechanism capable of rotational,

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horizontal, and/or vertical movement and an internal device capable of rotational, horizontal, and/or vertical movement.

8. (Original) The system of Claim 1, further comprising an external volume control.

9. (Original) The system of Claim 8, wherein said external volume control comprises an amplifier.

10. (Original) The system of Claim 2, further comprising a device generating audible sound connected to the communication link.

11. (Original) The system of Claim 10, wherein said sound-generating device comprises earphones, and wherein the operative components of the earphones are contained within sealed enclosures.

12. (Previously Presented) An underwater audio headset comprising at least one speaker within a submersible waterproof enclosure, the enclosure mounted on an ear clip, the ear clip configured to removably attach to an ear.

13. (Original) The headset of Claim 12, wherein the enclosure comprises an audio-permeable and water-resistant membrane.

14. (Original) The headset of Claim 12, wherein the ear clip carries a communication link.

15. (Currently Amended) The headset of Claim 12, wherein the ear clip attaches to a soft gel that molds to the shape of the outer ear of the diver.

16. (Original) The headset of Claim 12, wherein the enclosure is rigid.

17. (Currently Amended) The headset of Claim 12, ~~wherein the enclosure comprises~~ further comprising a wireless communication link.

18. (Currently Amended) The headset of Claim 17, ~~wherein the enclosure comprises~~ further comprising a battery for powering the wireless communication link.

19. (Previously Presented) The headset of Claim 12, wherein the headset is incorporated into a mask strap.

20. (Previously Presented) The headset of Claim 12, wherein the enclosure comprises an o-ring.

21. (Previously Presented) The headset of Claim 17, wherein the wireless communication link comprises a receiver.